SEQUENCE LISTING

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<120> METHODS AND COMPOUNDS FOR MODULATING NUCLEAR RECEPTOR ACTIVITY

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<151> 1999-03-30

<150> US 60/079,956

<151> 1998-03-30

<150> US 60/113,146

<151> 1998-12-16

<150> US 60/113,014

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<170> PatentIn version 3.1

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<223> Xaa is any amino acid

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Leu Xaa Xaa Leu Leu
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<222> (2)..(3)

<223> Xaa is any amino acid

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Leu Xaa Xaa Met Leu
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Leu Leu Gln Met Leu
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Lys His Lys Ile Leu His Arg Leu Leu Gln Asp Ser Ser
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<213> Homo sapiens

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Thr Pro Ala Ile Thr Arg Val Val Asp Phe Ala Lys Lys Leu Pro Met
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Phe Cys Glu Leu Pro Cys Glu Asp Gln Ile Ile Leu Leu Lys Gly Cys
20 25 30

Cys

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Leu Phe Pro Pro Leu Phe Leu Glu Val Phe Glu Asp
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Thr Ala Pro Ile Thr Arg Val Val Asp Phe Ala Lys Lys Leu Pro Met

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Phe Ser Glu Leu Pro Cys Glu Asp Gln Ile Ile Leu Leu Lys Cys Cys
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Cys

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1 5 10

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Thr Lys Cys Ile Ile Lys Ile Val Glu Phe Ala Lys Arg Leu Pro Gly
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Phe Thr Gly Leu Ser Ile Ala Asp Gln Ile Thr Leu Leu Lys Ala Ala
20 25 30

Cys

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Pro Met Pro Pro Leu Ile Arg Glu Met Leu Glu Asn
1 5 10

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Asp Lys Gln Leu Phe Thr Leu Val Glu Trp Ala Lys Arg Ile Pro His
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Phe Ser Glu Leu Pro Leu Asp Asp Gln Val Ile Leu Leu Arg Ala Gly
20 25 30

Trp

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Pro Ile Asp Thr Phe Leu Met Glu Met Leu Glu Ala
1 5 10

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Val Glu Ala Val Gln Glu Ile Thr Glu Tyr Ala Lys Asn Ile Pro Gly
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Phe Ile Asn Leu Asp Leu Asn Asp Gln Val Thr Leu Leu Lys Tyr Gly
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Val

<210> 14

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Ser Tyr Ser Ile Gln Lys Val Ile Gly Phe Ala Lys Met Ile Pro Gly
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Phe Arg Asp Leu Thr Ser Glu Asp Gln Ile Val Leu Leu Lys Ser Ser
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Ala

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Trp

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Pro Leu Tyr Asp Leu Leu Leu Glu Met Leu Asp Ala
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Gly Arg Gln Val Ile Ala Ala Val Lys Trp Ala Lys Ala Ile Pro Gly
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Trp

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Gly Lys Gln Met Ile Gln Val Val Lys Trp Ala Lys Val Leu Pro Gly
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Trp

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<213> Homo sapiens

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20 25 30

Phe Ser Glu Ala Ser Met Met Gly Leu Leu Thr Asn Leu Ala Asp Arg
35 40 45

Glu Leu Val His Met Ile Asn Trp Ala Lys Arg Val Pro Gly Phe Val
50 55 60

Asp Leu Thr Leu His Asp Gln Val His Leu Leu Glu Cys Ala Trp Leu
65 70 75 80

Glu Ile Leu Met Ile Gly Leu Val Trp Arg Ser Met Glu His Pro Gly
85 90 95

Lys Leu Leu Phe Ala Pro Asn Leu Leu Leu Asp Arg Asn Gln Gly Lys
100 105 110

Cys Val Glu Gly Met Val Glu Ile Phe Asp Met Leu Leu Ala Thr Ser
115 120 125

Ser Arg Phe Arg Met Met Asn Leu Gln Gly Glu Phe Val Cys Leu Lys
130 135 140

Ser Ile Ile Leu Leu Asn Ser Gly Val Tyr Thr Phe Leu Ser Ser Thr
145 150 155 160

Leu Lys Ser Leu Glu Glu Lys Asp His Ile His Arg Val Leu Asp Lys
165 170 175

Ile Thr Asp Thr Leu Ile His Leu Met Ala Lys Ala Gly Leu Thr Leu
180 185 190

Gln Gln Gln His Gln Arg Leu Ala Gln Leu Leu Leu Ile Leu Ser His
195 200 205

Ile Arg His Met Ser Asn Lys Gly Met Glu His Leu Tyr Ser Met Lys
210 215 220

Cys Lys Asn Val Val Pro Leu Tyr Asp Leu Leu Leu Glu Met Leu Asp
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Ala His Arg Leu

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<222> (158)..(166)

<223> Xaa is any amino acid

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Phe Ser Glu Ala Ser Met Met Gly Leu Leu Thr Asn Leu Ala Asp Arg
        35                  40                  45

Glu Leu Val His Met Ile Asn Trp Ala Lys Arg Val Pro Gly Phe Val
    50                  55                  60

Asp Leu Thr Leu His Asp Gln Val His Leu Leu Glu Cys Ala Trp Leu
65                  70                  75                  80

Glu Ile Leu Met Ile Gly Leu Val Trp Arg Ser Met Glu His Pro Gly
                85                  90                  95

Lys Leu Leu Phe Ala Pro Asn Leu Leu Leu Asp Arg Asn Gln Gly Lys
            100                 105                 110

Cys Val Glu Gly Met Val Glu Ile Phe Asp Met Leu Leu Ala Thr Ser
        115                 120                 125

Ser Arg Phe Arg Met Met Asn Leu Gln Gly Glu Glu Phe Val Cys Leu
    130                 135                 140

Lys Ser Ile Ile Leu Leu Asn Ser Gly Val Tyr Thr Phe Xaa Xaa Xaa
145                 150                 155                 160
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Xaa Xaa Xaa Xaa Xaa Xaa Glu Glu Lys Asp His Ile His Arg Val Leu
165 170 175

Asp Lys Ile Thr Asp Thr Leu Ile His Leu Met Ala Lys Ala Gly Leu
180 185 190

Thr Leu Gln Gln Gln His Gln Arg Leu Ala Gln Leu Leu Leu Ile Leu
195 200 205

Ser His Ile Arg His Met Ser Asn Lys Gly Met Glu His Leu Tyr Ser
210 215 220

Met Lys Cys Lys Asn Val Val Pro Leu Tyr Asp Leu Leu Leu Glu Met
225 230 235 240

Leu Asp Ala His Arg Leu
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His Lys Ile Leu His Arg Leu Leu Gln Asp Ser
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Lys His Lys Ile Leu His Arg Leu Leu Gln Asp
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Leu Ala Leu Ser Leu Thr Ala Asp Gln Met Val Ser Ala Leu Leu Asp
1 5 10 15

Ala Glu Pro Pro Ile Leu Tyr Ser Glu Tyr Asp Pro Thr Arg Pro Phe
20 25 30

Ser Glu Ala Ser Met Met Gly Leu Leu Thr Asn Leu Ala Asp Arg Glu
35 40 45

Leu Val His Met Ile Asn Trp Ala Lys Arg Val Pro Gly Phe Val Asp
50 55 60

Leu Thr Leu His Asp Gln Val His Leu Glu Cys Ala Trp Leu Glu Ile
65 70 75 80

Leu Met Ile Gly Leu Val Trp Arg Ser Met Glu His Pro Gly Lys Leu
85 90 95

Leu Phe Ala Pro Asn Leu Leu Leu Asp Arg Asn Gln Gly Lys Cys Val
100 105 110

Glu Gly Met Val Glu Ile Phe Asp Met Leu Leu Ala Thr Ser Ser Arg
115 120 125

Phe Arg Met Met Asn Leu Gln Gly Glu Glu Phe Val Cys Leu Lys Ser
130 135 140

Ile Ile Leu Leu Asn Ser Gly Val Tyr Thr Phe Leu Ser Ser Thr Leu
145 150 155 160

Lys Ser Leu Glu Glu Lys Asp His Ile His Arg Val Leu Asp Lys Ile
165 170 175

Thr Asp Thr Leu Ile His Leu Met Ala Lys Ala Gly Leu Thr Leu Gln
180 185 190

Gln Gln His Gln Arg Leu Ala Gln Leu Leu Leu Ile Leu Ser His Ile
195 200 205

Arg His Met Ser Asn Lys Gly Met Glu His Leu Tyr Ser Met Lys Cys
210 215 220

Lys Asn Val Val Pro Leu Tyr Asp Leu Leu Leu Glu Met Leu Asp Ala
225 230 235 240

His Arg Leu His Ala
245